(b) if so, the details of fresh package announced by Government;

(c) whether Government propose to change the present concept of techno-economic clearance for private investments; and

(d) if so, the details thereof?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) The Government have taken a number of initiatives to boost private investment in the power sector. The initiatives taken and underway include liberalising the scope of automatic approval for foreign direct investment, simplification of procedure for issue of counter guarantee, improving the procedures for competitive bidding and credit enhancement of SEBs by encouraging reforms.

(c) No,. Sir.

(d) Does, not arise.

राजस्थान में विद्युत की मांग और आपूर्ति

1615. **श्री ओंकार सिंह लखावत**: क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि:

(क) देश में विद्युत क्षमता की कुल कितनी मांग है और कितनी मात्रा उपलब्ध है,

(ख) राजस्थान राज्य में विद्युत कितनी मांग है और कितनी मात्रा उपलब्ध है,

(ग) राजस्थान सरकार ने मांग व उपलब्धता के अंतर को कब तक पूरा करने का लक्ष्य निर्धारित कर केन्द्र सरकार को सूचित किया है?

विद्युत मंत्री (श्री रंगराजन कुमारमंगलम): (क) वर्ष 1997-98 के दौरान देश में 390335 मि. यू. उपलब्धता की तुलना में ऊर्जा की आवश्कयता 424505 मि. यू. थी। अत: 8.1% ऊर्जा की कमी थी।

(ख)राजस्थान राज्य में वर्ष 1997-98 और अपैल, 98 के दौरान मांग और उपलब्धता की स्थिति निम्नुसार है :-

(सभी आंकडे मि. यू.में)

अवधि	आवश्यकता	उपलब्धता	कमी	%कमी
1997-98	20655	20288	367	1.8
अप्रैल, 1998	1756	1741	24	1.4

(ग) विद्युत की मांग और आपूर्ति के बीच में के अंतर को कम करने के लिए निम्नलिखित कदम उठाये जा रहें है :

- नवीकरण और आधुनिकीकरण द्वारा मौजुदा विद्युत संयंत्रों में उत्पादन को अधिकतम करना।

- पारेषण और वितरण हानियों में कमी करना।

- जल विद्युत, ताप विद्युत, नाभिकीय और गैस टरबाईन विद्युत केन्द्रों का समन्वित प्रचालन

-अंतर्राज्यीय/अंतरक्षेत्रीय विद्युत अंतरणों का संवर्धन।

- मांग पक्ष प्रबंधन।

- ऊर्जा संरक्षण

Gas based Power Plants in private sector

1616. SHRI CHIMANBHAI HARIBHAI SHUKLA: Will the Minister of POWER be pleased to state:

(a) the position regarding power generation in the country and the State wise details of the gas based Power Plants which are being set-up by the private sectors;'

(b) the number of power projects (gas based) identified and given clearance to be installed in Gnjanrf, Orissa and Madhya Pradesh;

(c) the estimated cost and installed capacity of these projects -and the investments with or without foreign aid; * and

(d) by when Government propose to clear the long pending Bhandcr project of ^ Madhya Pradesh?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) to (c) The actual energy generation in the country during the month of April-May, 1998 was 74936 million units. As per information available, the following private power projects on the Memorandum of Understanding (MoU)/ Letter of Intent (Lol) etc. route (costing

more than Rs. 100 crores), using natural gas as the primary fuel, have been accorded techno-cconomic clearance of Central Electricity Authority (CEA):

SI. No.	Name of the project/state	Capacity (MW)	Estimated Cost
1.	Paguthan Combined Cycle Gas Turbine, Gujarat	654.7	Rs. 2298.14 Crores
2.	Baroda Combined Cycle Gas Turbine, Gujarat	167	Rs. 368.22 Crores
3.	Jegurupadu Combined Cycle Gas Turbined, Andhra Pradesh	?.16	RS 827 Crores
4.	Godavari Combined Cycle Gas Turbine, Andhra Pradesh	208	Rs. 748.43 Crores
5.	Dabhol Combined Cycle Gas Turbine, Maharashtra	2015	Rs. 9051.27 Crores

CEA has not approved any private power project based purcty on gas to be set up in Madhya Pradesh and Orissa. Apart from the above projects, CEA has accorded techno-cconomic clearance to several dual fuel projects which are designed to use liquid fuel and may subsequently switch over to gas as the when it becomes available. No foreign aid is involved in setting up any of the private power projects techno-economically cleared by CEA.

(d) The 342 MW Bhander Combined Cycle Power Project proposed to be set up by M/s Bhander Power Limited in the State of Madhya Pradesh has been techno-economically cleared by CEA on March 5, 1998.

Reforms in Power Sector

1617. SHRI GOVINDRAO ADIK: Will the Minister of POWER be pleased to state:

(a) whether it is a fact the World Bank has written to Government for time bound power sector reforms to be executed by the State Electricity Boards particularly regarding electricity pricing, the structure and regulation of the sector ownership, management of the state power utilities and privatisation of distribution etc.

(b) if so, the details of recent communication addressed to the State Government particularly Maharashtra by the World Bank; and

(c) the details of State-wise review of major reforms programmes undertaken by the State Electricity Boards and how far it satisfies World Bank expectations?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) The Government over the Second Maharashtra Power Project Loan 3498-JN. The World Bank has asked the Government of Maharashtra to expand its reform package and lake measures which would inter alia include implementing the recommendations of the Rajadhyaksha Committee set up by the State Government.

(c) By enacting the Orissa Electricity Reforms Act 1995, Orissa State has initiated steps for reforming and restructuring the power sector, which inter alia include setting up of Electricity Regulatory Commission, unbundling the State Electricity Board etc. Through the Haryana Electricity Reforms Act 1997, Haryana State has taken significant steps towards reform and restructuring of their power sector. The Haryana Electicity Regulatory Commission is also being set up. These reform measures are in line